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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/816,157	03/26/2001	Chi-Cheng Ju	P20832	6433

7055 7590 08/14/2003

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RESTON, VA 20191

EXAMINER

LEE, RICHARD J

ART UNIT	PAPER NUMBER
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2613

DATE MAILED: 08/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/816,157

Applicant(s)

Ju

Examiner

Richard Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_\_
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above, claim(s) 7-26 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1 and 3-6 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 2 is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 2 6) ☐ Other: \_\_\_\_\_

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1. Applicant's election with traverse of Group I drawn to claims 1-6 in Paper No. 4 is acknowledged. The traversal is on the ground(s) that the examination of the claims does not create "serious burden" on the Office, and that the search for the inventions would be coextensive, or at least have significant overlap. This is not found persuasive because the search for one group is not required for the other group, and as such results in an undue burden on the Office. Though the search for the inventions may be coextensive or at least have significant overlap as argued by the applicant, it is however that the complete search for one group for example includes search areas not required for each of the other groups, and vice versa, and thus causing "a serious burden" on the Office. It is submitted again that Inventions Groups I, II, III, IV, and V are unrelated since they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01), and since these inventions are distinct for reasons given above, and the search required for Group I is not required for Groups II, III, IV, and V, restriction for examination purposes as indicated is proper.

The requirement is still deemed proper and is therefore made FINAL.

2. This application is in condition for allowance except for the following formal matters:

**In the Abstract:**

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the

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printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract of the disclosure is objected to because phrases which can be implied, such as "present invention" appearing after lines 2-3 in the Abstract should be avoided. Correction is required. See MPEP § 608.01(b).

**In the Claims:**

Claim 2 is objected to because of the following informalities:

At claim 2, line 3, before "third buffer", "the" should be changed to "a" for clarity.

This application is in condition for allowance except for the presence of claims 7-26 to an invention non-elected with traverse in Paper no. 4. Applicant is given TWO MONTHS from the date of this letter to cancel the noted claims or take other appropriate action (37 CFR 1.144). Failure to take action during this period will be treated as authorization to cancel the noted claims by Examiner's Amendment and pass the case to issue.

Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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3. Claim 2 would be allowable if rewritten or amended to overcome the objection set forth in this Office action.

4. Claims 1 and 3-6 are allowed.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Owen et al (US 2002/0114395 A1) discloses a system method and apparatus for a motion compensation instruction generator.

Tsuboi (US 2001/0009567 A1) discloses an MPEG decoding device.

Chen et al (US 2003/0058941 A1) discloses an artifact free displaying of MPEG-2 video in the progressive refresh mode.

Taniguchi discloses a picture reproducing apparatus.

McDade et al discloses a system, method, and apparatus for a variable output video decoder.

6. The following is an examiner's statement of reasons for allowance:

Claims 1-6 are considered allowable over the prior art of record because the prior art of record does not suggest, disclose, or teach a method for reordering a decode order into a display order of an image, the decode order comprising an I-picture, a P-picture, and a B-picture, the method of obtaining a compressed picture sequence and comprising particularly if the first picture is I-picture, decoding the first picture and storing a decoded first picture into a first buffer; and

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obtaining a first virtual picture according to a predetermined manner, sending the first virtual picture to a second buffer for display as claimed in claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. **Any response to this final action should be mailed to:**

**Box AF**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**


(703) 872-9314, (for formal communications; please mark "EXPEDITED  
PROCEDURE") (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Lee whose telephone number is (703) 308-6612. The Examiner can normally be reached on Monday to Friday from 8:00 a.m. to 5:30 p.m, with alternate Fridays off.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group customer service whose telephone number is (703) 306-0377.

  
RICHARD LEE  
PRIMARY EXAMINER

Richard Lee/rl

8/8/03